

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 October 2001 (04.10.2001)

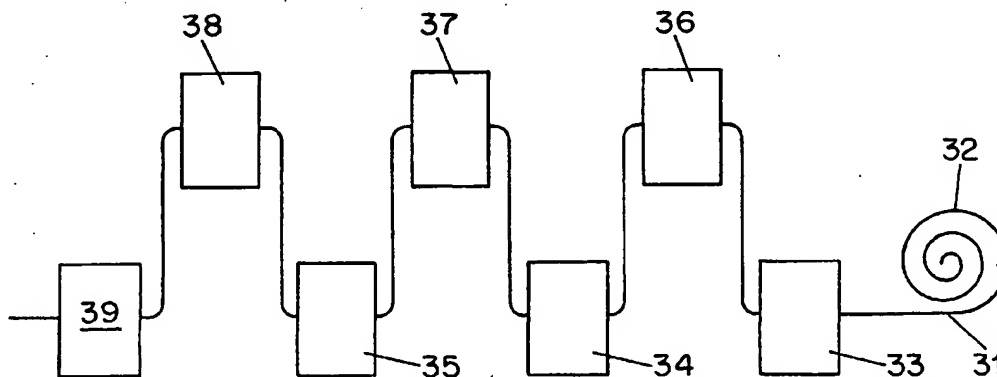
PCT

(10) International Publication Number
WO 01/073109 A3

- (51) International Patent Classification: **C12Q 1/00**,
G01N 27/28, 27/30, 33/487, 27/403 [GB/GB]; 5 Stratherrick Gardens, Inverness 1V2 4LX (GB).
- (21) International Application Number: PCT/US01/10097 (74) Agents: SHAY, Bernard, E. et al.; LifeScan, Inc., 1000 Gibraltar Drive, Milpitas, CA 95035-6312 (US).
- (22) International Filing Date: 28 March 2001 (28.03.2001) (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 09/537,599 28 March 2000 (28.03.2000) US (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application: US 09/537,599 (CON) Filed on 28 March 2000 (28.03.2000)
- (71) Applicant (for all designated States except US): **DIA-BETES DIAGNOSTICS, INC.** [US/US]; 51 Sawyer Road, Suite 150, Waltham, MA 02453 (US).
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- Published:
— with international search report
- (88) Date of publication of the international search report: 20 February 2003
- (15) Information about Correction:
Previous Correction:
see PCT Gazette No. 05/2002 of 31 January 2002, Section II

[Continued on next page]

(54) Title: CONTINUOUS PROCESS FOR MANUFACTURE OF DISPOSABLE ELECTRO-CHEMICAL SENSOR



(57) Abstract: Sensors formed from a substrate, an electrode layer and at least a first reagent layer are manufactured by transporting a continuous web of the substrate past at least two print stations, and printing the electrode layer and the first reagent layer on the substrate. One of the print stations prints the electrode layer on the continuous web of substrate, and the other of the print stations prints the first reagent layer on the continuous web of substrate as it is transported past the print stations. Additional print stations may be included for the printing of insulation layers, glue prints and the like. The order of printing will depend on the structure desired for the sensor, although the electrode layer(s) will frequently be deposited before the reagent layer(s).

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INTERNATIONAL SEARCH REPORT

Interr Application No
PCT/US 01/10097

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/00 G01N27/28 G01N27/30 G01N33/487 G01N27/403

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 43075 A (GIRAULT HUBERT HUGUES ; LAGGER GREGOIRE (CH); LOYALL UWE (CH); METR) 1 October 1998 (1998-10-01)	1-14, 19, 20
Y	the whole document	15-18
Y	US 5 679 311 A (SCHUESSLER RUDOLF ET AL) 21 October 1997 (1997-10-21) column 1, line 62 -column 4, line 21	15-18
A	US 4 218 421 A (MACK JOHN C JR ET AL) 19 August 1980 (1980-08-19) column 2, line 48 -column 4, line 65	14-18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

8 July 2002

Date of mailing of the international search report

15/07/2002

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INTERNATIONAL SEARCH REPORT

Interr Application No
PCT/US 01/10097

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